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MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS,  
HELD AT THE LICK OBSERVATORY, SEPTEMBER 2, 1899.

Dr. KEELER presided. A quorum was present. The minutes of the last meeting were approved.

Adjourned.

MINUTES OF THE MEETING OF THE ASTRONOMICAL SOCIETY  
OF THE PACIFIC, HELD AT THE LICK OBSERVATORY,  
SEPTEMBER 2, 1899.

Dr. KEELER presided. The minutes of the last meeting were approved.

The following papers were presented :—

1. The Rise and Progress of Astronomy in Central Europe (II), by SIDNEY D. TOWNLEY.
2. Photographic Observations of Comet *a*, 1889, (SWIFT), by E. F. CODDINGTON and H. K. PALMER.
3. Physical Changes Observed in the Head of SWIFT'S Comet, by C. D. PERRINE.
4. Observation of SWIFT'S Comet (1889 *a*) for Refraction, by C. D. PERRINE.
5. The Radiant Points of Meteors, by W. H. S. MONCK.
6. Elements of Comet 1898 VIII (CHASE), by R. SPRAGUE.
7. Planetary Phenomena for September and October, 1899, by Prof. M. MCNEILL.

THE CHABOT OBSERVATORY—DOLBEER ECLIPSE EXPEDITION.

Secretary ZIEL reported that a committee, consisting of Messrs. JOHN DOLBEER and F. R. ZIEL, had been appointed by President PARDEE, for the purpose of procuring the funds necessary to defray the expenses of the Total Solar Eclipse Expedition to be undertaken by Mr. CHARLES BURCKHALTER in May, 1900,—and that Mr. JOHN DOLBEER has generously contributed the entire amount.

Adjourned.